Ŋ b Next labeled Nucleotide incorporation Label removed Labeled nucleotide incorporation

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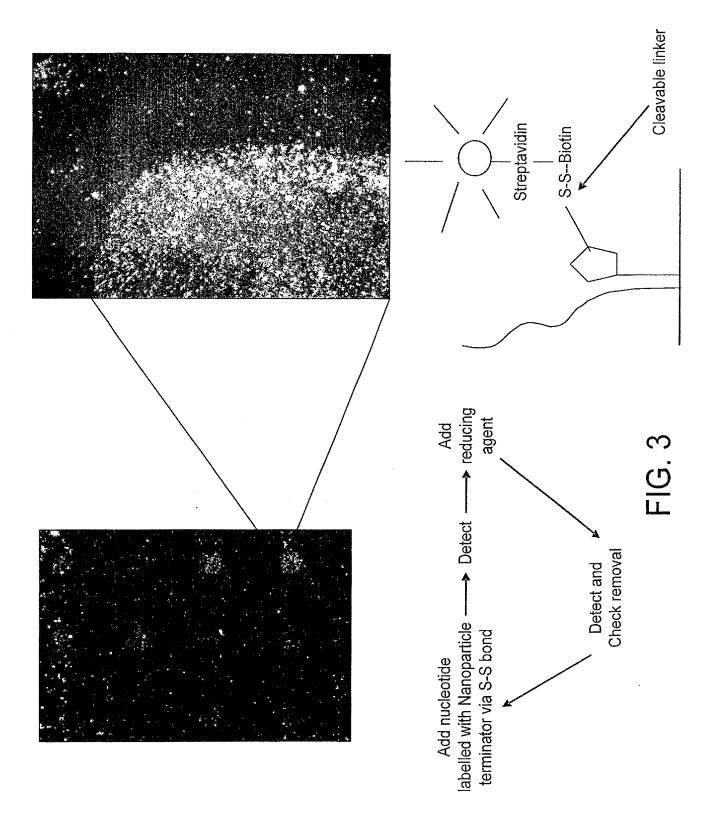
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40x and 100x magnification showing combed DNA Sequencing initiated at nicks



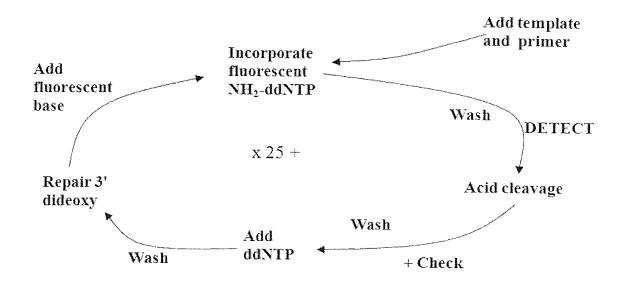


FIG. 4A

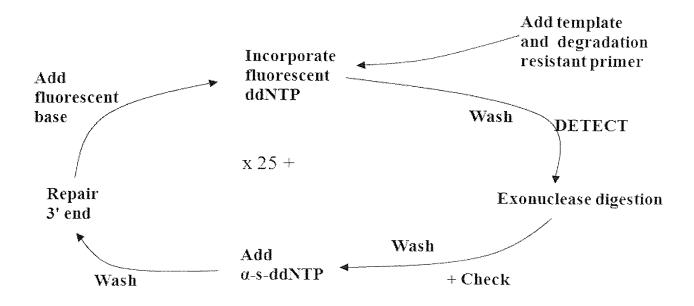
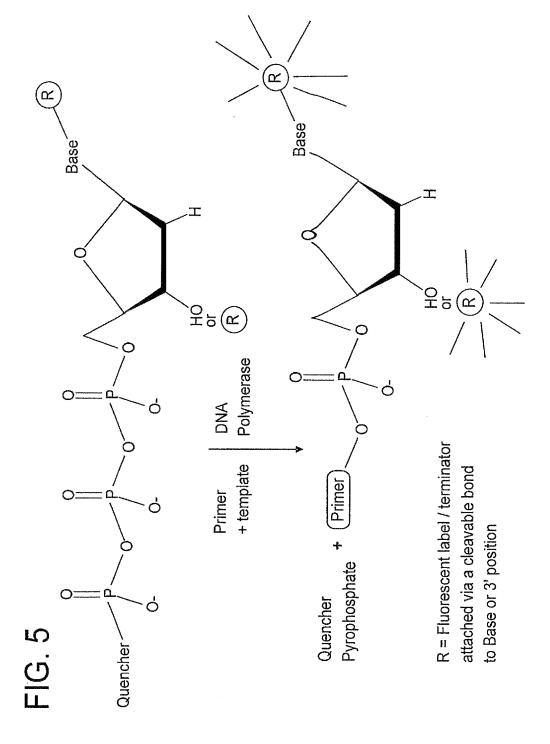


FIG. 4B



Scheme 1, Four groups of chemically synthesised randomised oligos for ligation

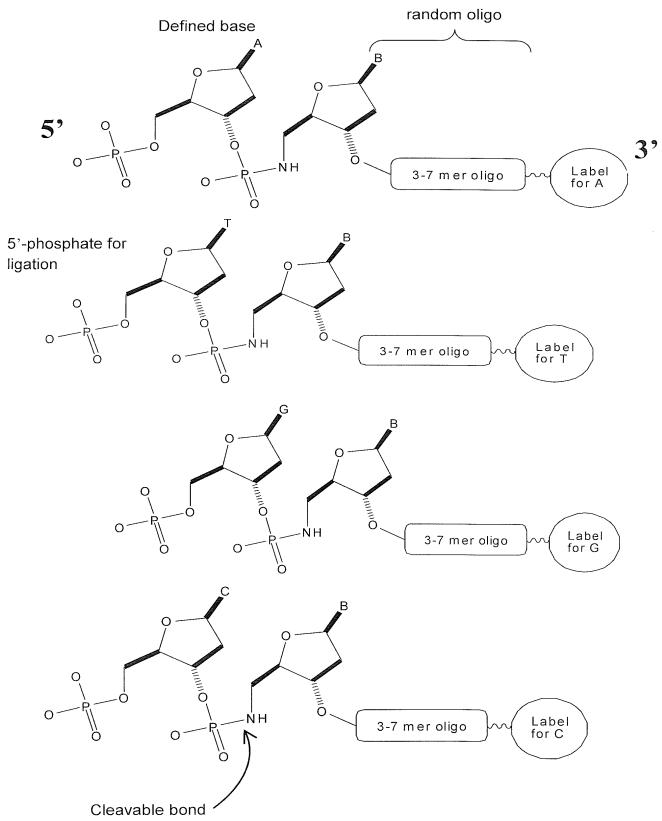
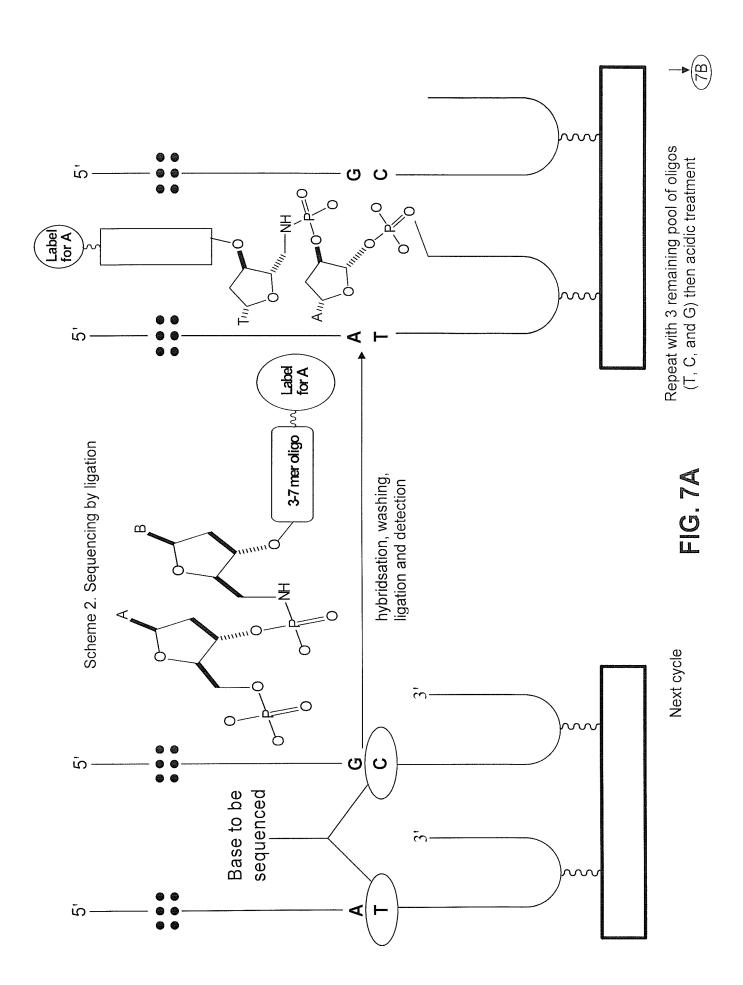
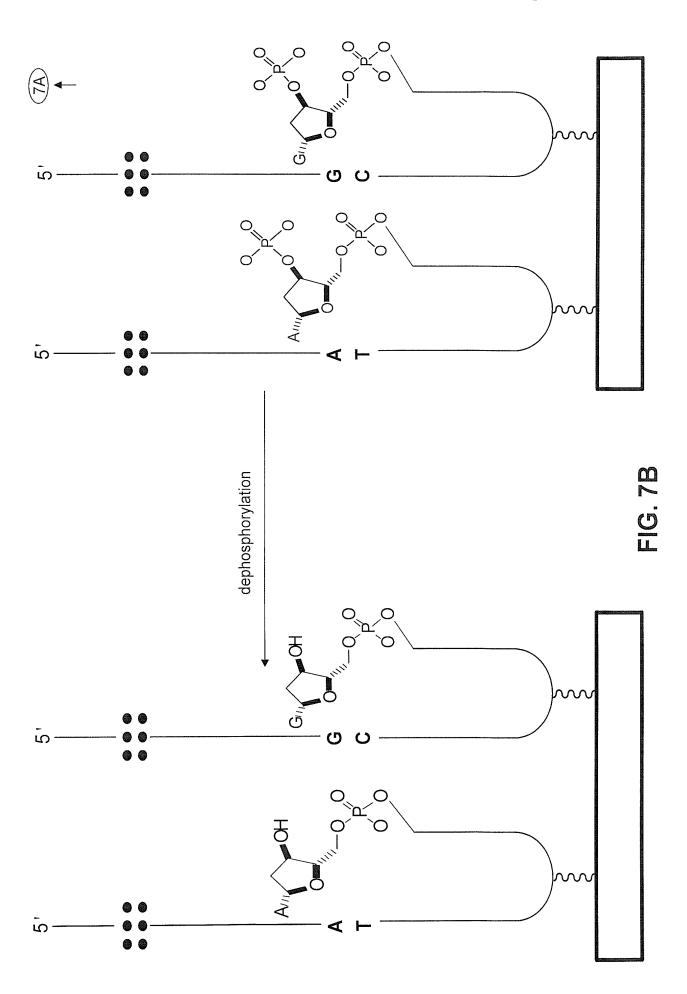


FIG. 6





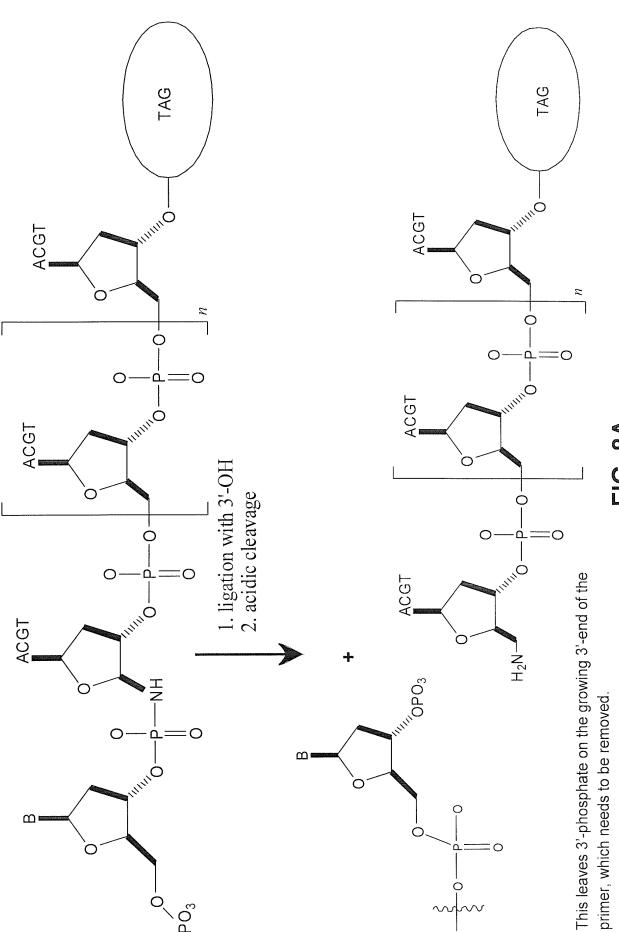


FIG. 8A

